



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

### Contents

#### **Daily Updates of Totals by Week and State**

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: July 13, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 13, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 7/11/2020.\*

Updated July 13, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>120,350</b>	1,367,136	104	129,994	51,992	6,514	203,909
2/1/2020	<b>0</b>	58,317	98	3,774	0	478	4,252
2/8/2020	<b>1</b>	59,060	99	3,776	0	518	4,295
2/15/2020	<b>0</b>	58,300	99	3,796	0	553	4,349
2/22/2020	<b>5</b>	58,259	100	3,654	1	561	4,219
2/29/2020	<b>5</b>	58,479	102	3,773	3	640	4,415
3/7/2020	<b>34</b>	58,638	101	3,905	16	622	4,544
3/14/2020	<b>52</b>	57,669	101	3,896	27	611	4,531
3/21/2020	<b>561</b>	58,505	103	4,494	249	546	5,345
3/28/2020	<b>3,126</b>	62,474	112	6,115	1,411	440	8,220
4/4/2020	<b>9,906</b>	71,637	128	9,830	4,716	477	15,261
4/11/2020	<b>16,011</b>	78,322	141	11,887	7,173	471	20,856
4/18/2020	<b>16,895</b>	75,988	141	11,288	7,251	262	21,007
4/25/2020	<b>15,206</b>	72,866	135	10,236	6,518	143	18,971
5/2/2020	<b>12,965</b>	68,068	126	8,812	5,452	64	16,369
5/9/2020	<b>10,948</b>	65,237	123	7,655	4,625	46	14,015
5/16/2020	<b>8,930</b>	62,407	118	6,562	3,689	19	11,819
5/23/2020	<b>6,929</b>	59,061	112	5,660	2,889	22	9,718
5/30/2020	<b>5,838</b>	56,299	108	4,981	2,367	10	8,462
6/6/2020	<b>4,596</b>	54,642	103	4,550	1,991	11	7,166
6/13/2020	<b>3,640</b>	52,008	99	3,955	1,617	10	5,985
6/20/2020	<b>2,733</b>	48,150	92	3,428	1,168	5	4,998
6/27/2020	<b>1,363</b>	39,349	76	2,258	520	5	3,106
7/4/2020	<b>469</b>	26,102	50	1,323	236	0	1,556
7/11/2020	<b>137</b>	7,299	14	386	73	0	450

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 7/11/2020.\***

Updated July 13, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>120,350</b>	1,367,136	104	129,994	51,992	6,514	203,909
Alabama	<b>994</b>	23,796	97	1,602	296	95	2,392
Alaska	<b>11</b>	1,692	86	78	-	-	89
Arizona	<b>1,571</b>	30,500	109	2,516	827	113	3,373
Arkansas	<b>275</b>	14,310	97	974	107	75	1,217
California	<b>5,771</b>	126,162	101	11,633	3,201	576	14,778
Colorado	<b>1,589</b>	19,577	108	1,825	824	95	2,680
Connecticut	<b>3,842</b>	14,231	97	1,513	867	72	4,557
Delaware	<b>502</b>	4,456	105	387	193	16	712
District of Columbia	<b>589</b>	3,297	118	759	580	-	777
Florida	<b>3,237</b>	99,123	102	7,567	1,666	308	9,437
Georgia	<b>2,239</b>	38,770	99	2,951	1,013	110	4,286
Hawaii	<b>17</b>	5,054	93	305	-	20	336
Idaho	<b>93</b>	6,244	95	301	26	25	393
Illinois	<b>6,283</b>	55,756	114	6,303	3,168	176	9,591

Indiana	<b>2,515</b>	31,220	102	3,057	1,061	131	4,638
Iowa	<b>724</b>	13,603	97	992	212	84	1,588
Kansas	<b>271</b>	11,776	96	779	120	89	1,019
Kentucky	<b>554</b>	20,346	91	1,859	278	98	2,232
Louisiana	<b>2,877</b>	22,668	107	2,259	1,359	71	3,843
Maine	<b>111</b>	6,619	98	472	26	31	588
Maryland	<b>3,383</b>	26,414	114	2,858	1,270	125	5,080
Massachusetts	<b>7,527</b>	33,950	123	4,751	2,738	161	9,693
Michigan	<b>5,450</b>	49,410	110	5,277	2,676	240	8,286
Minnesota	<b>1,380</b>	20,982	103	1,612	391	121	2,721
Mississippi	<b>1,039</b>	15,489	106	1,553	490	52	2,154
Missouri	<b>928</b>	28,311	95	1,769	310	176	2,563
Montana	<b>20</b>	4,386	93	220	-	34	270
Nebraska	<b>257</b>	7,525	95	570	95	28	760
Nevada	<b>473</b>	11,836	98	1,051	346	40	1,218
New Hampshire	<b>359</b>	5,922	104	406	98	30	696
New Jersey	<b>13,496</b>	49,408	144	9,047	6,592	121	16,058
New Mexico	<b>441</b>	8,338	97	649	183	29	936
New York <sup>7</sup>	<b>11,083</b>	57,510	124	9,221	5,411	208	15,083
New York City	<b>20,351</b>	50,506	203	10,379	7,847	959	23,011
North Carolina	<b>957</b>	34,243	78	2,399	365	225	3,214
North Dakota	<b>79</b>	2,896	88	238	25	19	311
Ohio	<b>2,451</b>	54,573	96	3,604	1,026	258	5,286
Oklahoma	<b>380</b>	16,674	91	1,458	148	107	1,791
Oregon	<b>209</b>	15,760	93	775	73	64	974
Pennsylvania	<b>6,939</b>	61,703	98	5,445	2,529	204	10,055
Rhode Island	<b>890</b>	5,113	105	563	344	25	1,134
South Carolina	<b>726</b>	23,089	102	1,506	287	99	2,043
South Dakota	<b>97</b>	3,442	91	271	41	26	353
Tennessee	<b>527</b>	33,474	97	2,426	201	127	2,879
Texas	<b>2,654</b>	92,841	100	7,151	1,161	341	8,981
Utah	<b>168</b>	8,737	99	490	61	40	637
Vermont	<b>57</b>	2,697	101	150	14	16	209

Virginia	<b>1,961</b>	32,839	104	2,067	665	111	3,472
Washington	<b>1,122</b>	24,848	94	1,943	597	111	2,574
West Virginia	<b>98</b>	8,354	80	610	32	58	734
Wisconsin	<b>765</b>	24,659	101	1,277	129	150	2,061
Wyoming	<b>18</b>	2,007	95	126	-	-	146
Puerto Rico	<b>145</b>	11,520	60	1,469	76	61	1,598

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017-2019.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes New York City.

## Understanding the Numbers: Provisional Death Counts and COVID-19

*Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

### How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new ICD-10 code.** When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

### Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

### Things to know about the data

**Provisional counts are not final and are subject to change.** Counts from previous weeks are continually revised as more records are received and processed.

**Provisional data are not yet complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

**Death counts should not be compared across states.** Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

